

ABSTRACT OF THE INVENTION

The invention relates to a premix burner (1) for burning fuel (5) with air (4) to combustion gas, in particular within a combustion turbine. Profiling means (2) are provided for profiling the mass stream of the combustion air (4) in a direction radial to an annular shaped air channel (3) in order to generate a radial varying fuel/air mixture that stabilises the combustion. Accordingly, the invention also relates to a gas turbine (110) and a process for burning fuel in air.

Fig. 1